WHAT IS CLAIMED IS:

1. A butterfly damper comprising:

an inner circumferential frame;

an outer circumferential frame having opposite end surfaces and an inner peripheral surface, said inner peripheral surface being connected to said opposite end surfaces to form opposite connecting edge portions; and

at least one arm member having one end connected to said outer circumferential frame and an other end connected to said inner circumferential frame,

wherein:

said one end of said at least one arm member is connected to a portion of said inner peripheral surface of said outer circumferential frame, said portion excluding said opposite connecting edge portions.

2. The butterfly damper as claimed in Claim 1, wherein:

each of said one end and said other end of said at least one arm member has at least one curved surface.

3. The butterfly damper as claimed in Claim 1, wherein:

a plurality of arm members are provided as said at least one arm member.

4. The butterfly damper as claimed in Claim 2, wherein:

a plurality of arm members are provided as said at least one arm member.

5. The butterfly damper as claimed Claim 1, wherein:

said inner circumferential frame, said outer circumferential frame and said at least one arm member are formed of resin integrally

with each other by an injection forming.

6. The butterfly damper as claimed Claim 2, wherein:

said inner circumferential frame, said outer circumferential frame and said at least one arm member are formed of resin integrally with each other by an injection forming.

7. The butterfly damper as claimed Claim 3, wherein:

said inner circumferential frame, said outer circumferential frame and said at least one arm member are formed of resin integrally with each other by an injection forming.

8. The butterfly damper as claimed Claim 4, wherein:

said inner circumferential frame, said outer circumferential frame and said at least one arm member are formed of resin integrally with each other by an injection forming.